



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT** of:

Patent No.: David K. Mesecher
6,748,008
Issued: June 8, 2004
Appln. No.: 10/074,398
Filed: February 12, 2002
For: BASE STATION FOR DISTANCE
DETERMINATION

Our File: I-2-0111.1US
Date: September 22, 2006

Certificate
SEP 27 2006
of Correction

**SECOND REQUEST FOR
CERTIFICATE OF CORRECTION**

Certificate of Corrections Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

On September 2, 2004, a Request for a Certificate of Correction was filed via facsimile to (703) 872-9306 in connection with the above-identified patent, a copy of which is herewith attached in its entirety. A Communication Re: Status of Request for Certificate of Correction was also filed via facsimile to (703) 308-6672 on June 6, 2005, a portion of which is attached herewith. As of this date, a Certificate of Correction has not been issued.

A Certificate of Correction under 35 U.S.C. §§ 254, 255 and 37 C.F.R. §§1.322, 1.323 is requested for U.S. Patent No. 6,748,008. Correction of the following typographical errors is requested.

09/25/2006 RECEIVED 03000009 050455 6748008
02 7048008 100.00 00

SEP 29 2006

IN THE SPECIFICATION

At column 3, line 36, after the word "unit", delete " 40_n " and insert therefor

-- 40_1 --.

At column 4, line 49, after the word "distances", delete " d_1, d_2, \dots, d_1 " and insert therefor -- d_1, d_2, \dots, d_n --.

At column 5, line 31, after the word "pilot", delete " 52_2 " and insert therefor

-- 52_1 --.

At column 5, line 38, after the word " 54_1 ", delete " 52_2 " and insert therefor

-- 54_2 --.

At column 6, line 9, after the word " Δt_1 ", delete "or" and insert therefor --for--.

At column 6, line 13, Equation (8), delete " $\Delta d_1 = \sqrt{(X_{1-X})^2 + (Y_{1-Y})^2} - \sqrt{(X_{2-X})^2 + (Y_{2-Y})^2}$ "

and insert therefor -- $\Delta d_1 = \sqrt{(X_1 - X)^2 + (Y_1 - Y)^2} - \sqrt{(X_2 - X)^2 + (Y_2 - Y)^2}$ --.

At column 6, line 37, delete " $\tau_1 + \tau_1, \tau_2 + \tau_2, \tau_3 + \tau_3$ " and insert therefor

-- $\tau_1 + \tau_1, \tau_1 + \tau_2, \tau_1 + \tau_3$ --.

At column 6, line 43, after the word "by", delete " $\tau_{1, the \tau 1}$ " and insert therefor

-- τ_1 , the τ_1 --.

At column 6, line 63, after the word "angle", delete "a" and insert therefor --a--.

Patentee: David K. Mesecher
Patent No.: 6,748,008

At column 8, line 34, after the word "pilot", delete "signals" and insert therefor --signal's--.

IN THE CLAIMS

In claim 6, column 10, line 11, delete "seperated", and insert therefor --separated--.

Patentee: David K. Mesecher
Patent No.: 6,748,008


REMARKS

Patentee believes that the above errors are of such a nature as to justify the issuance of a Certificate of Correction. Patentee has enclosed a completed Certificate of Correction Form PTO/SB/44.

Patentee respectfully requests that the Certificate of Correction be issued.

Respectfully submitted,

David K. Mesecher

By 
Robert D. Leonard
Registration No. 57,204
(215) 568-6400

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

RDL/dcb

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 2

PATENT NO. : 6,748,008
 APPLICATION NO.: 10/074,398
 ISSUE DATE : June 8, 2004
 INVENTOR(S) : David K. Mesecher

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-- 40₁ --.

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At column 6, line 9, after the word " $\Delta \tau_1$ ", delete "or" and insert therefor --for--.

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Volpe and Koenig, P.C.
 United Plaza, Suite 1600
 30 South 17th Street
 Philadelphia, PA 19103

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 2 of 2

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 ISSUE DATE : June 8, 2004
 INVENTOR(S) : David K. Mesecher

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and insert therefor -- " $\Delta d_1 = \sqrt{(X_1 - X)^2 + (Y_1 - Y)^2} - \sqrt{(X_2 - X)^2 + (Y_2 - Y)^2}$ --.

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At column 6, line 43, after the word "by", delete " $\tau_{1, the \tau_1}$ " and insert therefor -- " τ_1 , the τ_1 --.

At column 6, line 63, after the word "angle", delete "a" and insert therefor -- " α --.

At column 8, line 34, after the word "pilot", delete "signals" and insert therefor -- "signal's" --.

IN THE CLAIMS

In claim 6, column 10, line 11, delete "seperated", and insert therefor -- "separated" --.

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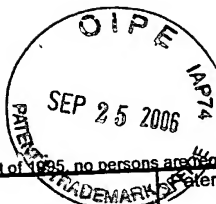
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Patent Number	US 6,748,008 B2
	Issue Date	June 8, 2004
	First Named Inventor	David K. Mesecher
	Application Number	10/074,398
	Filing Date	February 12, 2002
Attorney Docket Number		I-2-0111.1US
Tot: Number of Pages in This Submission		

ENCLOSURES (Check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Dimitri P. Dovas Volpe and Koenig, P.C.	
Signature	 Reg. No. 51,627	
Date	Sept. 2 2004	

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Dimitri P. Dovas Volpe and Koenig, P.C.
Signature	
Date	Sept. 2 2004

CERTIFICATE OF TRANSMISSION/MAILING	
I hereby certify that this correspondence is being sent Via Facsimile (703-872-9306) addressed to: Examiner Phuong M. Phu, Group Art Unit 2631, on this date:	
Typed or printed name	Dimitri P. Dovas
Signature	
Date	9-2-2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

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Patent No.: US 6,748,008 B2
Issued: June 8, 2004
Appln. No.: 10/074,398
Filed: February 12, 2002
For: BASE STATION FOR DISTANCE
DETERMINATION

Our File: I-2-0111.1US
Date: September 2, 2004

REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

A Certificate of Correction under 35 U.S.C. §§ 254, 255 and 37 C.F.R. §§1.322, 1.323 is requested for U.S. Patent No. 6,748,008 B2. Correction of the following typographical errors is requested.

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COPY

At column 5, line 38, after the word " 54_1 ", delete " 52_2 " and insert therefor -- 54_2 --.

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At column 6, line 43, after the word "by", delete " $\tau_{1, the \tau_1}$ " and insert therefor

-- τ_1 , the τ_1 --.

At column 6, line 63, after the word "angle", delete "a" and insert therefor --a--.

At column 8, line 34, after the word "pilot", delete "signals" and insert therefor

--signal's--.

IN THE CLAIMS

In claim 6, column 10, line 11, delete "seperated", and insert therefor --separated--.

Patentee: David K. Mesecher
Patent No.: US 6,748,008 B2

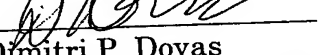
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David K. Mesecher

By 
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29 2006

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION Page 1 of 2

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DATED : June 8, 2004
INVENTOR(S) : David K. Mesecher

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MAILING ADDRESS OF SENDER:

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

PATENT NO.

US 6,748,008 B2

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- ☐ Fee Transmittal Form
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☐ After Final
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☐ Reply to Missing Parts/Incomplete Application
☐ Reply to Missing Parts under 37 CFR 1.52 or 1.53

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☐ Petition to Convert to a Provisional Application
☐ Power of Attorney, Revocation
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Remarks

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name VOLPE AND KOENIG, P.C.

Signature

Printed name Jeffrey M. Glabicki

Date

June 6, 2005

Reg. No.

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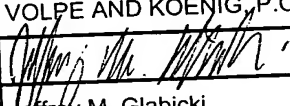
- ☐ After Allowance Communication to TC
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- ☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☒ Other Enclosure(s) (please identify below):
- Copy of Request for Certificate of Correction;
Copy of Certificate of Correction Form PTO/SB/44; and
Copy of Transmittal Form PTO/SB/21.

Remarks

OFFICIAL FACSIMILE

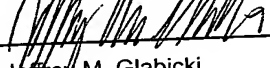
10 PAGES SENT VIA FACSIMILE TO 703-872-9306.
PLEASE IMMEDIATELY DELIVER TO MRS. JOYCE.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	VOLPE AND KOENIG, P.C.		
Signature			
Printed name	Jeffrey M. Glabicki		
Date	June 6, 2005	Reg. No.	42,584

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being sent Via Facsimile (703-308-6672) addressed to: Mrs. Joyce, on the date shown below:

Signature		
Typed or printed name	Jeffrey M. Glabicki	Date
		June 6, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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COPY

SEP 29 2005

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT** of:

David K. Mesecher

Patent No.: 6,748,008

Issued: June 8, 2004

Appln. No. 10/074,398

Filed: February 12, 2002

For: BASE STATION FOR DISTANCE
DETERMINATION

Our File: I-2-0111.1US

Date: June 6, 2005

**COMMUNICATION RE: STATUS OF
REQUEST FOR CERTIFICATE OF CORRECTION**

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant respectfully requests issuance of a Certificate of Correction in connection with the above-identified issued patent. Over six months have passed since a Request for Certificate of Correction was filed with the United States Patent and Trademark Office.

COPY

Patentee: David K. Mesecher.
Patent No.: 6,748,008

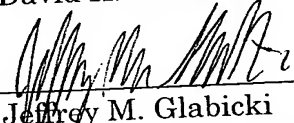
Enclosed please find copies of the following:

1. Request For Certificate of Correction filed September 2, 2004;
2. Completed Certificate of Correction Form PTO/SB/44; and
3. Transmittal Form PTO/SB/21 dated September 2, 2004.

Applicant respectfully requests that a Certificate of Correction be issued.

Respectfully submitted,

David K. Mesecher

By 
Jeffrey M. Glabicki
Registration No. 42,584
(215) 568-6400

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

JMB/AJE/ml
Enclosures

SEP 29 2004

COPY

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION Page 1 of 2

PATENT NO. : US 6,748,008 B2
DATED : June 8, 2004
INVENTOR(S) : David K. Mesecher

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE SPECIFICATION

At column 3, line 36, after the word "unit", delete "40_n" and insert therefor --40₁--.

At column 4, line 49, after the word "distances", delete " $d_1, d_2 \dots d_n$ " and insert therefor -- $d_1, d_2 \dots d_n$ --.

At column 5, line 31, after the word "pilot", delete "52₂" and insert therefor --52₁--.

At column 5, line 38, after the word "54₁", delete "52₂" and insert therefor --54₂--.

At column 6, line 9, after the word " Δt_1 ", delete "or" and insert therefor --for--.

At column 6, line 13, Equation (8), delete " $\Delta d_1 = \sqrt{(X_{1-X})^2 + (Y_{1-Y})^2} - \sqrt{(X_{2-X})^2 + (Y_{2-Y})^2}$ " and insert therefor -- $\Delta d_1 = \sqrt{(X_1 - X)^2 + (Y_1 - Y)^2} - \sqrt{(X_2 - X)^2 + (Y_2 - Y)^2}$ --.

MAILING ADDRESS OF SENDER:

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT NO.

US 6,748,008 B2

No. of additional copies



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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION Page 2 of 2

PATENT NO. : US 6,748,008 B2
DATED : June 8, 2004
INVENTOR(S) : David K. Mesecher

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At column 6, line 37, delete " $\tau_1 + \tau_1, \tau_2 + \tau_2, \tau_3 + \tau_3$ " and insert therefor

-- $\tau_1 + \tau_1, \tau_1 + \tau_2, \tau_1 + \tau_3$ --.

At column 6, line 43, after the word "by", delete " $\tau_{1, the \tau_1}$ " and insert therefor

-- τ_1 , the τ_1 --.

At column 6, line 63, after the word "angle", delete "a" and insert therefor --a--.

At column 8, line 34, after the word "pilot", delete "signals" and insert therefor

--signal's--.

IN THE CLAIMS

In claim 6, column 10, line 11, delete "seperated", and insert therefor --separated--.

SEP 29 2005

MAILING ADDRESS OF SENDER:

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PATENT NO.

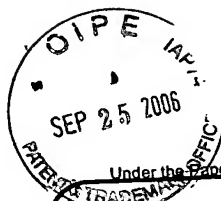
US 6,748,008 B2

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PTO/SB/21 (09-04)

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FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Patent Number	6,748,008
Issue Date	June 8, 2004
First Named Inventor	David K. Mesecher
Application Number	10/074,398
Filing Date	February 12, 2002
Attorney Docket Number	I-2-0111.1US

ENCLOSURES (Check all that apply)

- ☒ Fee Transmittal Form
☐ Fee Attached
☐ Amendment/Reply
☐ After Final
☐ Affidavits/declaration(s)
☐ Extension of Time Request
☐ Express Abandonment Request
☐ Information Disclosure Statement

☐ Certified Copy of Priority Document(s)
☐ Reply to Missing Parts/ Incomplete Application
☐ Reply to Missing Parts under 37 CFR 1.52 or 1.53

- ☐ Drawing(s)
☐ Licensing-related Papers

☐ Petition
☐ Petition to Convert to a Provisional Application
☐ Power of Attorney, Revocation
☐ Change of Correspondence Address

☐ Terminal Disclaimer

☐ Request for Refund

☐ CD, Number of CD(s) _____
☐ Landscape Table on CD

- ☐ After Allowance Communication to TC

☐ Appeal Communication to Board of Appeals and Interferences

☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)

☐ Proprietary Information

☐ Status Letter
☒ Other Enclosure(s) (please identify below):
Second Request for Certificate of Correction; Form PTO/SB/44; Copy of Request for Certificate of Correction filed 9/2/2004 and Copy of Communication Re: Status of Request for Certificate of Correction filed 6/6/2005.

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	VOLPE AND KOENIG, P.C.		
Signature			
Printed name	Robert D. Leonard		
Date	September 22, 2006	Reg. No.	57,204

CERTIFICATE OF TRANSMISSION/MAILING

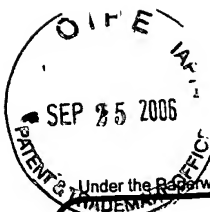
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature		Date	September 22, 2006
Typed or printed name	Robert D. Leonard		

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PTO/SB/17 (01-06)

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL
For FY 2006☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 100.00**Complete if Known**

Application Number	10/074,398
Filing Date	February 12, 2002
First Named Inventor	David K. Mesecher
Examiner Name	Phuong M. Phu
Art Unit	2631
Attorney Docket No.	I-2-0111.1US

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____☒ Deposit Account Deposit Account Number: 09-0435 Deposit Account Name: InterDigital Communications Corporation

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Each independent claim over 3 (including Reissues)

Multiple dependent claims

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
-	=	x	= 0

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
-	=	x	= 0

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
-	-	-	-	-

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Request for Certificate of Correction

SUBMITTED BY

Signature

Name (Print/Type)

Robert D. Leonard

Registration No. 57,204
(Attorney/Agent)

Telephone 215-568-6400

Date September 22, 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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